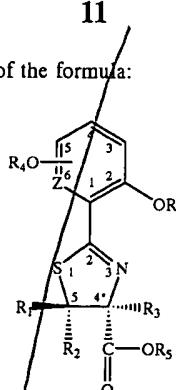


11

*Sub 1*

I claim:

1. A compound of the formula:



wherein:

Z is CH or N;

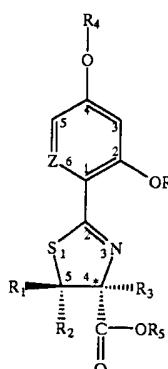
R is H or acyl;

R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and R<sub>5</sub> may be the same or different and represent H, alkyl or hydrocarbyl arylalkyl having up to 14 carbon atoms;R<sub>4</sub> is H or alkyl having 1-4 carbon atoms with the proviso that:R<sub>4</sub> is alkyl having 1-4 carbon atoms when Z is CH, R<sub>5</sub> is H and R<sub>4</sub>O is attached to the carbon atom labelled 4;

a salt thereof with a pharmaceutically acceptable acid or a pharmaceutically acceptable complex thereof.

2. A compound of claim 1 wherein Z is N and R=R<sub>1</sub>=R<sub>2</sub>=R<sub>3</sub>=R<sub>4</sub>=R<sub>5</sub>=H.3. A compound of claim 1 wherein Z is CH, R=R<sub>1</sub>=R<sub>2</sub>=R<sub>3</sub>=R<sub>5</sub>=H, and R<sub>4</sub> is alkyl having 1-4 carbon atoms.4. A compound of claim 3 wherein R<sub>4</sub> is methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl or t-butyl.5. A compound of claim 1 wherein Z is N, R=R<sub>1</sub>=R<sub>2</sub>=R<sub>3</sub>=R<sub>5</sub>=H, and R<sub>4</sub> is alkyl having 1-4 carbon atoms.6. A compound of claim 5 wherein R<sub>4</sub> is methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl or t-butyl.

7. A compound of claim 1 having the formula:



wherein:

Z, R, R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> have the meanings ascribed thereto in claim 1;

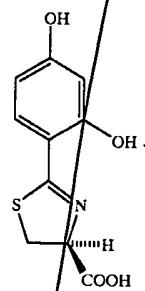
a salt thereof with a pharmaceutically acceptable acid or a pharmaceutically acceptable complex thereof.

12

*Sub 1*8. A compound of claim 7 wherein Z is N and R=R<sub>1</sub>=R<sub>2</sub>=R<sub>3</sub>=R<sub>5</sub>=H.9. A compound of claim 7 wherein Z is CH, R=R<sub>1</sub>=R<sub>2</sub>=R<sub>3</sub>=R<sub>5</sub>=H, and R<sub>4</sub> is alkyl having 1-4 carbon atoms.10. A compound of claim 9 wherein R<sub>4</sub> is methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl or t-butyl.11. A compound of claim 7 wherein Z is N, R=R<sub>1</sub>=R<sub>2</sub>=R<sub>3</sub>=R<sub>5</sub>=H, and R<sub>4</sub> is alkyl having 1-4 carbon atoms.12. A compound of claim 11 wherein R<sub>4</sub> is methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl or t-butyl.13. A compound of claim 11 wherein Z is CH, R=R<sub>4</sub>=R<sub>1</sub>=R<sub>2</sub>=R<sub>5</sub>=H, and R<sub>3</sub> is alkyl having 1-4 carbon atoms.14. A compound of claim 7 wherein Z is CH, R=R<sub>4</sub>=R<sub>1</sub>=R<sub>3</sub>=R<sub>5</sub>=H, and R<sub>2</sub> is alkyl having 1-4 carbon atoms.15. A compound of claim 7 wherein Z is CH, R=R<sub>4</sub>=R<sub>3</sub>=R<sub>2</sub>=R<sub>5</sub>=H, and R<sub>1</sub> is alkyl having 1-4 carbon atoms.16. A compound of claim 7 wherein Z is N, R=R<sub>4</sub>=R<sub>1</sub>=R<sub>2</sub>=R<sub>5</sub>=H, and R<sub>3</sub> is alkyl having 1-4 carbon atoms.17. A compound of claim 7 wherein Z is N, R=R<sub>4</sub>=R<sub>1</sub>=R<sub>3</sub>=R<sub>5</sub>=H, and R<sub>2</sub> is alkyl having 1-4 carbon atoms.18. A compound of claim 7 wherein Z is N, R=R<sub>4</sub>=R<sub>3</sub>=R<sub>2</sub>=R<sub>5</sub>=H, and R<sub>1</sub> is alkyl having 1-4 carbon atoms.

19. An optically pure compound of claim 1 or 7.

20. An (S)-enantiomer compound of claim 7 having the formula:



45

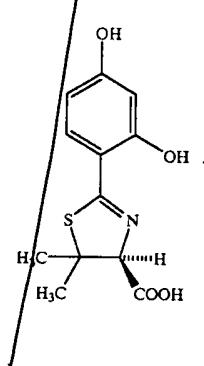
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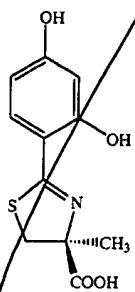
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21. An (S)-enantiomer compound of claim 7 having the formula:



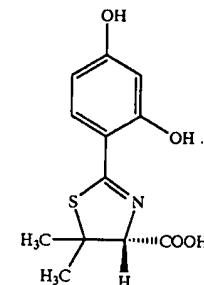
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22. An (S)-enantiomer compound of claim 7 having the formula:



14

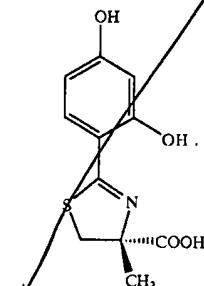
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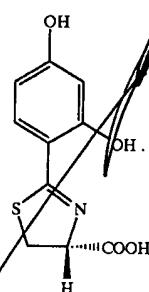
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*SuJ  
ab*

25. An (R)-enantiomer compound of claim 7 having the formula:

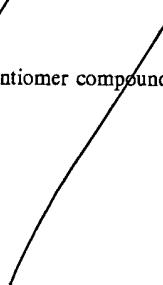


23. An (R)-enantiomer compound of claim 7 having the formula:



*SuJ  
ab*

24. An (R)-enantiomer compound of claim 7 having the formula:



26. A pharmaceutical composition in unit dosage form for treating a pathological condition in a human or non-human animal that is associated with an excess of a trivalent metal, ion or compound thereof comprising a therapeutically effective amount of a compound according to claim 1 or 7 and a pharmaceutically acceptable carrier therefor.

27. A method of preventing or treating a pathological condition in a human or non-human animal that is associated with an excess of a trivalent metal, ion or compound thereof comprising administering to said animal a therapeutically effective amount of a compound according to claim 1 or 7.

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